

8 species

Striped dolphin

Estimate: 40,000 specimens in summer*



J.M. Bompar

Common dolphin

Estimate: No data yet*



A. Gramer

Grampus

Estimate: 1,000 specimens*



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Bottlenose dolphin

Estimate: 1,000 specimens*



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* in the Pelagos Sanctuary

Sperm whale

Estimate: less than 100 specimens in summer*



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Ziphius

Estimate: more than 87 specimens*



(c) M. Rosso - Dip. Biologia - Unige

Pilot whale

Estimate: less than 1,000 specimens in summer*



J.M. Bompar

Fin whale

Estimate: about 1,000 specimens in summer*



J.M. Bompar

* in the Pelagos Sanctuary

Main threats

	Costal urbanisation	Maritime Traffic	Motor races	Fisheries	Prospections at sea	Whale watching
Pollution						
Ship strikes						
Bycatch						
Noise						
Harassment				*		
Global warming						
Habitat loss						
Diseases						

* due to the depredation events

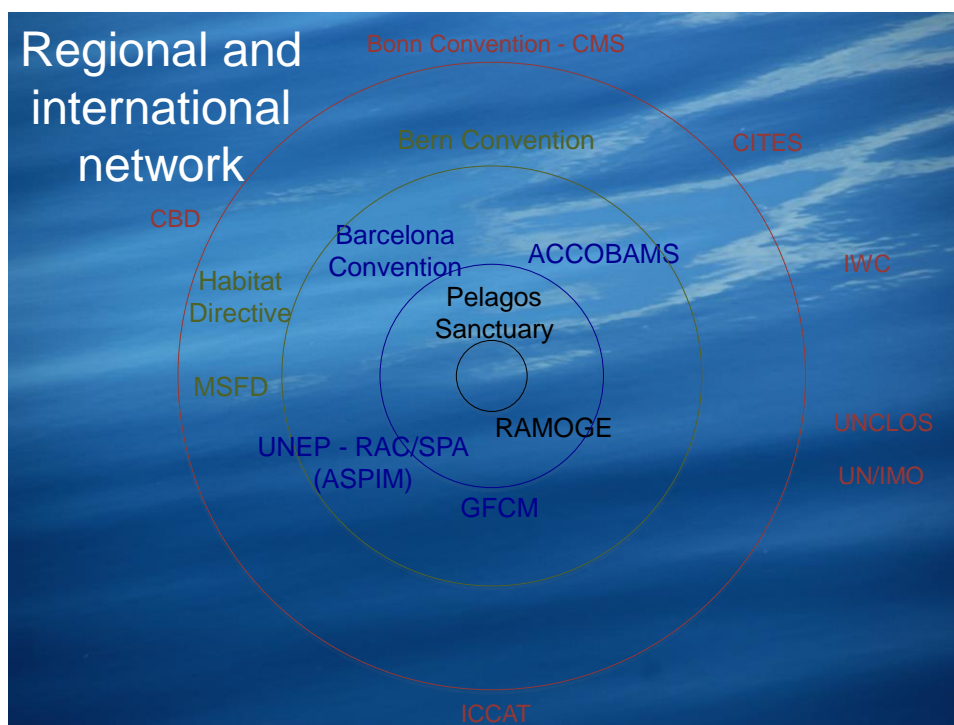


- Objectives -

- To conciliate social and economic activities development with habitat and marine mammals conservation
- To deepen knowledge's on marine mammals and interactions with human activities
- To represent an ACCOBAMS pilot area
- To become an example as the only one international High Sea SPAMI dedicated to Mediterranean marine mammals conservation

- Criteria -

- Marine mammals population maintained
- Habitats preserved
- Mitigation of the human activity impacts (ship strikes, bycatch, stranding, etc.)
- Implementation of innovating projects and more stringent measures



- General legal framework -

- **Intergovernmental agreement signed between France, Italy and Monaco**
 - Art. 4: *“to ensure a favourable conservation status for marine mammals”*
 - Art. 5: *“to cooperate in order to assess periodically the status of marine mammals population”*
 - Art. 6: *“to intensify the fight against pollution”*
 - Art. 7: *“to forbid any deliberate bycatch or intentional disturbance of marine mammals”*
 - Art. 8: *“to regulate whale watching activities”*
 - Art. 9: *“to regulate nay forbidden offshore races”*
 - Art. 10: *“to facilitate the mutual use of their ports”*

Particular national legal framework

- **France:**
 - Ministerial decree of the 01/07/2011 to forbid intentional disturbance of marine mammals
- **Italy:**
 - Art. 5 of the Italian law n.391 dated from the 11/10/2001 to forbid motor races in the territorial waters included in the Pelagos Sanctuary
- **Monaco:**
 - Sovereign ordinances protecting marine mammals and to provide an impact study on marine mammals for projects related to constructions at sea

Main tools and initiatives

➤ Anthropogenic activities

- Maritime traffic: Cetacean localisation in real time (REPCET)
- Offshore races:
 - ban offshore races in Pelagos national waters - Art. 5 of Italian law n.391 (October 11, 2001)
 - management tool for stakeholders in other Parties
- Fisheries:
 - ban deliberate captures and drifnets
 - promoting “pescatourism” and research on depredation
- Whale watching:
 - ban “intentional disturbance” – French ministerial order (1st July 2011)
 - code of conduct



Main tools and initiatives

➤ Research and monitoring

- Abundance estimation (survey, photo-identification, etc.)
- Contamination rate (biopsy)
- National Stranding Networks
- Database updating

➤ Training and public awareness

- Training for navy and whale watching operators
- Pelagos Charter for municipalities, Pelagos ambassador
- Flyers, website, conferences, events, etc.

- Data requirements -

➤ Population

- Species
- Abundance
- Distribution
- Seasonality
- Demography
- Diet
- Genetics
- Habitat

➤ Threats

- Pollution
- Ship strikes / maritime traffic
- Fisheries (bycatch and depredation)
- Noise
- Whale watching

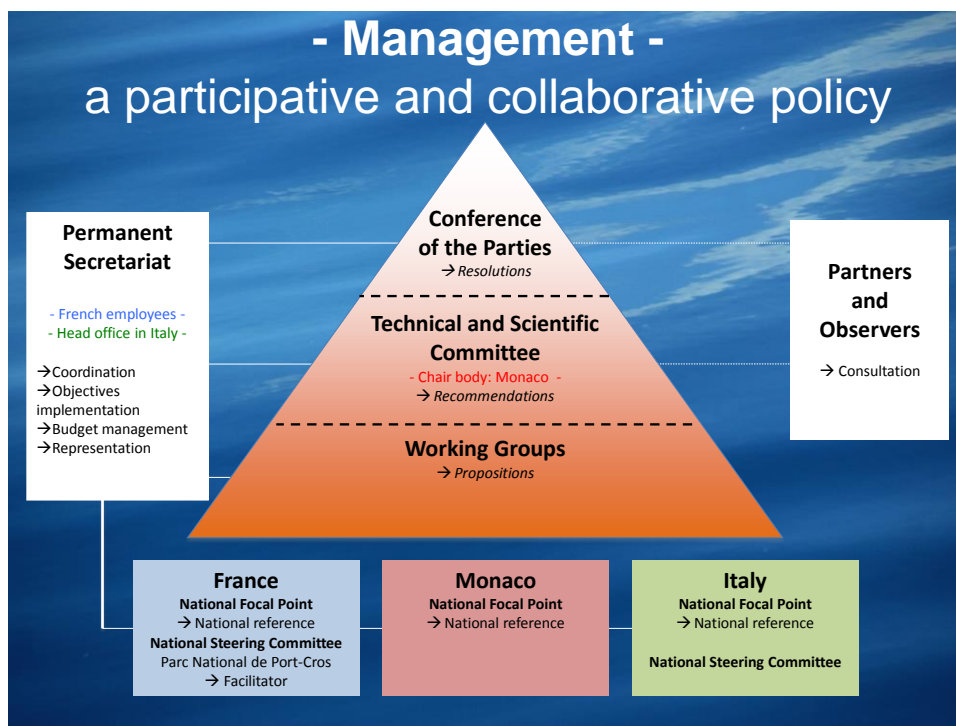
Gap analysis

➤ Gap analysis established by the 6th CST

- *T. Tursiops* (abundance, pollution, genetic, noise)
- *P. macrocephalus* (abundance, seasonality, ship strikes, noise)
- *G. melas* (abundance, pollution)
- *Z. Cavirostris* (abundance, noise)
- *B. Physalus* (ship strikes)
- *G. griseus* (abundance)
- *S. coeruleoalba* (health status)
- *D. delphis* (pollution)

➤ Call of proposal has been launched

➤ Implementation of the National Programmes Research



- ## More than 10 experience years
- **1999: Agreement signature** (entry into force in 2002)
 - **2001: SPAMI**
 - **2004: Management Plan** (under updating)
 - **2009: 10 thematic resolutions** (under updating)
 - **2006: Permanent Secretariat** (reopened in 2013)
 - **2013: Resumption of international activities and reactivation of the working groups**

- Monitoring system -

- The knowledge synthesis will provide an assessment of the current situation
- Some common protocols of collecting data are currently established by working groups and all data collected are sent in common databases (ACCOBAMS, MEDACES, INTERCET, BDS, REPCET, etc.)
- National, Scientific Committee and Permanent Secretariat reports are presented to the COP in order to update management plan, working programme and national programmes research

Thank you for your attention

